# USER MANUAL

# FLEXIPAR

## TECHNICAL SPECIFICATIONS

Power supply: 120V AC, 60HZ~
Power consumption: 600W
Dimensions: 255 x 280 x 290 mm
Net weight: 4KGS
Fitting lamp: HPL575, HX600/601, GLA575
Maximum ambient temperature: $45^0$C
Maximum housing temperature: $160^0$C
Minimum distance: 3m
Min distance form lighted object: 0.5m

**Professional theatre spot**

With 4 exchangeable lenses (VNSP, NSP, MFL and WFL) • Light output of a conventional PAR with less power consumption (600 W) • High-quality die-cast housing for highest stability • With colour-filter frame • Optional barndoors • Ideal for theatres, large stages and mobile use

## INSTALLATION

**Installing/Replacing the lamp**

**DANGER TO LIFE!** Only install the lamp with the device switched off! Unplug from mains before!

**CAUTION!** The lamp has to be replaced when it is damaged or deformed due to the heat!

**Before replacing the lamp, unplug mains lead and let the lamp cool down (approx. 5 minutes).**

During the installation do not touch the glass-bulbs bare-handed! Please follow the lamp manufacturer's notes!

Do not install lamps with a higher wattage! Lamps with a higher wattage generate temperatures the device was not designed for. Damages caused by non-observance are not subject to warranty.

For the installation, you need one lamp.

**Procedure:**

**Step 1:** Open the lampholder cover by loosening the fixation screw.
**Step 2:** If replacing the lamp, remove the old lamp from the spot.
**Step 3:** Insert the lamp in the lampholder.
**Step 4:** Insert the lampholder and close the device.

**Do not operate this device with opened housing!**

## Overhead rigging

The installation of the projector has to be built and constructed in a way that it can hold 10 times the weight for 1 hour without any harming deformation.

The installation must always be secured with a secondary safety attachment, e.g. an appropriate catch net. This secondary safety attachment must be constructed in a way that no part of the installation can fall down if the main attachment fails.

When rigging, derigging or servicing the fixture staying in the area below the installation place, on bridges, under high working places and other endangered areas is forbidden.

The operator has to make sure that safety-relating and machine-technical installations are approved by an expert before taking into operation for the first time and after changes before taking into operation another time.

The operator has to make sure that safety-relating and machine-technical installations are approved by an

expert after every four year in the course of an acceptance test.

The operator has to make sure that safety-relating and machine-technical installations are approved by a skilled person once a year.

## Procedure:

**IMPORTANT! OVERHEAD RIGGING REQUIRES EXTENSIVE EXPERIENCE,** including (but not limited to) calculating working load limits, installation material being used, and periodic safety inspection of allinstallation material and the projector. If you lack these qualifications, do not attempt the installation yourself, but instead use a professional structural rigger. Improper installation can result in bodily injury and.or damage to property.
The projector has to be installed out of the reach of people.
If the projector shall be lowered from the ceiling or high joists, professional trussing systems have to be used. The projector must never be fixed swinging freely in the room.
Before rigging make sure that the installation area can hold a minimum point load of 10 times the projector's weight.
Mount the projector with the mounting-bracket to your trussing system using an appropriate clamp. The hole in the mounting bracket has a diameter of 10 mm.
For overhead use, always install a safety-rope that can hold at least 12 times the weight of the fixture. You must only use safety-ropes with quick link with screw cap. Pull the safety-rope through the hole on the back of the device and over the trussing system or a safe fixation spot. Insert the end in the carabine and tighten the safety screw.
The maximum drop distance must never exceed 20 cm.
A safety rope which already hold the strain of a crash or which is defective must not be used again.
Adjust the desired inclination-angle via the mounting-bracket and tighten the fixation screws.

## CLEANING AND MAINTENANCE

The operator has to make sure that safety-relating and machine-technical installations are inspected by an expert after every four years in the course of an acceptance test.
The operator has to make sure that safety-relating and machine-technical installations are inspected by a skilled person once a year.
The following points have to be considered during the inspection:
1) All screws used for installing the devices or parts of the device have to be tighly connected and must not be corroded.
2) There must not be any deformations on housings, fixations and installation spots (ceiling, suspension, trussing).
3) The electric power supply cables must not show any damages, material fatigue (e.g. porous cables) or sediments. Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.

**DANGER TO LIFE!**
**Disconnect from mains before starting maintenance operation!**
We recommend a frequent cleaning of the device. Please use a moist, lint-free cloth. Never use alcohol or solvents!
The objective lens will require weekly cleaning as smoke-fluid tends to building up residues, reducing the light-output very quickly.
The interior of the device should be cleaned at least annually using a vacuum-cleaner or an air-jet.
There are no serviceable parts inside the device except for the lamp. Maintenance and service operations are only to be carried out by authorized dealers.
Please refer to the instructions under "Installing/Replacing the lamps".
Should you need any spare parts, please use genuine parts.
If the power supply cable of this device becomes damaged, it has to be replaced by authorized dealers only in order to avoid hazards.
Should you have further questions, please contact your dealer.